Express Mail Label: EVG 1075223US Pare of Deposit: March 19, 2002

Attorney Docket No.: 21402-163 (Cura-463)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Kekuda et al.

NUMBER:

09/981.566

EXAMINER:

Not Yet Assigned

# 7

FILING DATE:

October 16, 2001

ART UNIT:

1653

FOR:

Novel GPCR-like Proteins and Nucleic Acids Encoding Same

#### **BOX IDS**

MAR 1 9 2002

**Assistant Commissioner for Patents** Washington, D.C. 20231



#### TRANSMITTAL LETTER

Transmitted herewith for filing in the present application are the following documents:

- 1. Information Disclosure Statement (1 page);
- 2. Modified Form 1449/PTO (3 pages), in duplicate;
- 3. Cited References C1-C86; and
- 4. Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 542-6000, Boston, Massachusetts.

The Commissioner is authorized to charge any fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311 Ref. No. 21402-163 (Cura-463). A duplicate copy of this transmittal letter is enclosed herewith.

Respectfully submitted

or R. Elrifi, Reg. No

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Dated: March 19, 2002

TRA 1627712v1

Express Mail Label No.: EV058075223US Date of Deposit: March 19, 2002

IAL NUMBER: 09/981,566

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PLICANT(S): Kekuda et al.

EXAMINER: Not Yet Assigned

FILING DATE: October 16, 2001 **ART UNIT: 1653** 

FOR: Novel GPCR-like Proteins and Nucleic Acids Encoding Same

### **BOX IDS**

Assistant Commissioner for Patents Washington, D.C. 20231

### INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, copies of which are submitted herewith. The order of presentation of the references should not be construed as an indication of the importance of the references.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action based on the merits in the above-identified case. Accordingly, no fee or certification is believed required.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs the enclosed Form PTO-1449 to evidence that the cited information has been fully considered by the PATENT AND TRADEMARK OFFICE during the examination of this application.

Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311 (Reference No. 21402-163 (Cura-463)).

Respectfully submitted,

Ivor R. Elmi Registration No. 39,529

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Express Mail No.: EV058075223US Date of Deposit: March 19, 2002

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MAR 1 9 2002

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number	09/981,566	
Filing Date	10/16/01	
First Named Inventor	Kekuda	
Group Art Unit	1653	
Examiner Name	Not Yet Assigned	[
Attorney Docket Number	21402-163 (Cura-463)	= 3
	-	

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1						
EODEICH DATENT DOCUMENTS							

**U.S. PATENT DOCUMENTS** 

FOREIGN PATENT DOCUMENTS					
					Translation Yes No
	B1				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Exam Initials	Cite No. Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.				
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	C2	Asai, H., H. Kasai, et al. (1996). "Genomic structure and transcription of a murine odorant receptor gene: differential initiation of transcription in the olfactory and testicular cells." Biochem Biophys Res Commun 221(2): 240-7.			
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	C18	GenBank Accession Number: AF121976 (07-DEC-1999)			
	C19	GenBank Accession Number: AF133300 (20-DEC-2000)			

U.S.S.N.: 09/981,566 Applicants: Kekuda et al. MAR 1 9 2002

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Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
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	C21	GenBank Accession Number: AF247657 (04-JAN-2001)
	C22	GenBank Accession Number: AF321233 (20-JUN-2001)
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	C55	SWALL (SPTR) Accession Number: Q9EPG2 (1-MAR-2001)
<b>_</b>	C56	SWALL (SPTR) Accession Number: Q9EPV0 (1-MAR-2001)
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	C57	SWALL (SPTR) Accession Number: Q9EQQ5 (1-MAR-2001)

U.S.S.N.: 09/981,566 Applicants: Kekuda et al.

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Exam Initials	Exam Cite No. Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.							
	C58	SWALL (SPTR) Accession Number: Q9GZK1 (1-MAR-2001)						
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	C60	SWALL (SPTR) Accession Number: Q9H207 (16-OCT-2001)						
	C61	SWALL (SPTR) Accession Number: Q9H209 (16-OCT-2001)						
	C62	SWALL (SPTR) Accession Number: Q9H255 (16-OCT-2001)						
	C63	SWALL (SPTR) Accession Number: Q9H346 (16-OCT-2001)						
	C64	SWALL (SPTR) Accession Number: Q9JKA6 (1-OCT-2000)						
	C65	SWALL (SPTR) Accession Number: Q9QZ17 (1-MAY-2000)						
	C66	SWALL (SPTR) Accession Number: Q9QZ18 (1-MAY-2000)						
	C67	SWALL (SPTR) Accession Number: Q9QZ19 (1-MAY-2000)						
	C68	SWALL (SPTR) Accession Number: Q9QZ20 (1-MAY-2000)						
	C69	SWALL (SPTR) Accession Number: Q9QZ21 (1-MAY-2000)						
	C70	SWALL (SPTR) Accession Number: Q9QZ22 (1-MAY-2000)						
	C71	SWALL (SPTR) Accession Number: Q9R0K3 (1-MAY-2000)						
	C72	SWALL (SPTR) Accession Number: Q9R0K4 (1-MAY-2000)						
	C73	SWALL (SPTR) Accession Number: Q9R0K5 (1-MAY-2000)						
	C74	SWALL (SPTR) Accession Number: Q9TUA1 (1-MAY-2000)						
	C75	SWALL (SPTR) Accession Number: Q9UKL2 (16-OCT-2001)						
	C76	SWALL (SPTR) Accession Number: Q9WU89 (1-NOV-1999)						
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	C82	Thomas, M. B., S. L. Haines, et al. (1996). "Chemoreceptors expressed in taste, olfactory and male reproductive tissues." Gene 178(1-2): 1-5.						
	C83	Vanderhaeghen, P., S. Schurmans, et al. (1997). "Specific repertoire of olfactory receptor genes in the male germ cells of several mammalian species." Genomics 39(3): 239-46.						
	C84	Walensky, L. D., M. Ruat, et al. (1998). "Two novel odorant receptor families expressed in spermatids undergo 5'- splicing." J Biol Chem 273(16): 9378-87.						
	C85	Wootton, J. C. and S. Federhen (1996). "Analysis of compositionally biased regions in sequence databases." Methods Enzymol 266: 554-71.						
	C86	Xie, S. Y., P. Feinstein, et al. (2000). "Characterization of a cluster comprising approximately 100 odorant receptor genes in mouse." Mamm Genome 11(12): 1070-8.						

<sup>\*</sup> a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_\_\_, filed \_\_\_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant